

Title (en)
ARRAY OF LUMINESCENT ELEMENTS

Title (de)
ANORDNUNG VON LEUCHELEMENTEN

Title (fr)
RÉSEAU D'ÉLÉMENTS LUMINESCENTS

Publication
EP 2122695 A4 20130911 (EN)

Application
EP 08730744 A 20080226

Priority
• US 2008055004 W 20080226
• US 89380407 P 20070308

Abstract (en)
[origin: WO2008109296A1] Light emitting systems and method of fabricating the same are disclosed. The light emitting system includes two or more monolithically integrated luminescent elements. Each luminescent element includes an electroluminescent device and a dedicated switching circuit for driving the electroluminescent device. At least one luminescent element includes a potential well for down converting light emitted by the electroluminescent device in the luminescent element.

IPC 8 full level
H01L 27/15 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
F21S 41/18 (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **H01L 27/124** (2013.01 - US); **H01L 27/1255** (2013.01 - US); **H01L 27/156** (2013.01 - EP US); **H01L 33/28** (2013.01 - US); **H01L 33/58** (2013.01 - US); **F21S 41/255** (2017.12 - EP US); **F21S 41/645** (2017.12 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H01L 33/08** (2013.01 - EP US)

Citation (search report)
• [XAYI] US 7045375 B1 20060516 - WU TUNG-HSING [TW], et al
• [XDAYI] WO 2006062588 A1 20060615 - 3M INNOVATIVE PROPERTIES CO [US]
• [XAYI] WO 2006062560 A1 20060615 - 3M INNOVATIVE PROPERTIES CO [US]
• [YA] US 2006164359 A1 20060727 - KIMURA HAJIME [JP]
• See references of WO 2008109296A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008109296 A1 20080912; CN 101627482 A 20100113; EP 2122695 A1 20091125; EP 2122695 A4 20130911; JP 2010525555 A 20100722; TW 200847490 A 20081201; TW I521731 B 20160211; US 2010117997 A1 20100513; US 2015069433 A1 20150312; US 8941566 B2 20150127

DOCDB simple family (application)
US 2008055004 W 20080226; CN 200880007523 A 20080226; EP 08730744 A 20080226; JP 2009552799 A 20080226; TW 97108210 A 20080307; US 201414542986 A 20141117; US 52850308 A 20080226